

In re Application of: Kornblau et al
Serial No.: 10/599,963
Filed: April 24, 2007
Office Action Mailing Date: June 24, 2009

Examiner: David A. Vanore
Group Art Unit: 2881
Attorney Docket: 34292

REMARKS

Claims 1-27 and 33-36 are in this Application. Claims 17-27 and 33 have been withdrawn from consideration. New claims 34-36 have been added herewith.

Amendments To The Claims

Restriction Requirement

Restriction is required to a single group of inventions. The applicants hereby elect Group I, consisting of claims 1-16, with traverse. The applicants respectfully disagree with the contention that Group III, claims 26-27, is a separate invention from Group I. Group III is said to be a separate invention because these claims include a primary radiation shield between the first and second detectors, and two additional radiation shields for interfering with radiation incident on the first and second detectors, which are said not to be found in the claims of Groups I, II, and IV. However, none of these elements are found in claim 26 or 27. Rather they are found only in claim 22 and its dependent claims 23 and 24, which are in Group II. Nor could claims 22-24 properly be considered a separate invention, since they, and the other claims in Group II, are all dependent on claim 17. The applicants do not traverse the contention that Groups II and IV are separate inventions from Group I.

New Claims

New claim 34, dependent on claim 1, has the added limitation that the directional information, into which the CPU translates the output signal, comprises directional information on the center of mass of the source. This is supported, for example, by page 10, line 33, to page 11, line 1, which state, "The 3-dimensional position of the center of mass of a radiation source **38** is calculated by CPU **42** from the angle **32** measured by each of sensor modules **20**, given the known location and rotation axis of each of modules **20**."

New claims 35 and 36, dependent on claim 1, are apparatus claims intended to cover similar subject matter to withdrawn method claims 26 and 27. They are

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supported, for example, by page 14, lines 28-34, which state, "However, in most embodiments of the invention, it is desirable that CPU 42 receives two of output signals 34 and computes an intersection. If output signals 34 are expressed as planes, this produces a linear intersection 44 of two of the planes. This locates radiation source 38 upon the linear intersection 44...In additional embodiments of the invention, CPU 42 receives at least three of output signals 34 and computes their intersection."

Applicants reserve the right to file, at a later date, additional divisional applications claiming priority from the present application which are directed to the non-elected Group.

Respectfully submitted,

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Enclosures:

- Petition for Extension (2 Months)
- Additional Claims Transmittal Fee